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## PART B - FEE(S) TRANSMITTAL

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25186 7590 03/25/2005

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Vickie L. Kent	(Depositor's name)
Vickie L. Kent	(Signature)
June 9, 2005	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,044	01/07/2002	Man Mohan Rai	ARC-14586-1	4600

TITLE OF INVENTION: HYBRID NEURAL NETWORK AND SUPPORT VECTOR MACHINE METHOD FOR OPTIMIZATION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
Nonprovisional	NO	\$1400	\$0	\$1400	06/27/2005
EXAMINER	ART UNIT	CLASS-SUBCLASS			
HIRL, JOSEPH P	2129	706-019000			

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
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2. For printing on the patent front page, list  
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. John F. Schipper  
2. Robert M. Padilla  
3. \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

## (A) NAME OF ASSIGNEE

United States of America as Represented by the Administrator of the National Aeronautics and Space Administration

## (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Washington, D.C.

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

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A check in the amount of the fee(s) is enclosed.  
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a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

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Authorized Signature John F. SchipperDate 09 May 2005

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Typed or printed name John F. SchipperRegistration No. 26,944

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